

DESCRIPTIONS OF THREE NEW SPECIES OF SATURNIAN MOTHS.

By WILLIAM SCHAUS.

I desire to put on record descriptions of three new species of Saturniidae, the types of which I have placed in the collection of the U. S. National Museum.

ORMISCODES ALBILINEA, new species.

Male.—Head and thorax light brown. Abdomen, ochreous above, light brown below; a lateral row of black spots containing a grey dot. Wings, light brown, the veins finely ochreous. Primaries, a white shade in the cell; an oblique dark streak from base of costa to inner margin, interrupted by a broad white streak below cell from base to close to outer margin, where it is joined by a straight white streak edged on either side with darker brown and which extends from costa close to apex. Secondaries, a very faint outer whitish shade.

Expanse.—95 mm.

Habitat.—Goyas, Brazil.

Type.—Cat. No. 11374, U.S.N.M.

ORMISCODES AMARILLA, new species.

Male.—Head black; collar dark roseate. Thorax, above and below greyish brown, the patagia, which are dull yellow, covering nearly the whole thorax above. Abdomen, above black, the basal and anal segments roseate; a lateral roseate shade crossed by transverse black lines; fulvous ventrally with black spots. Wings, dull yellow. Primaries, the veins dark violaceous grey; a similar streak along costa, in cell, and below cell; an antemedial and a postmedial transverse violaceous shade; a dark red spot at end of cell. Secondaries, the outer half of veins dark violaceous grey; a roseate spot at end of cell.

Expanse.—85 mm.

Habitat.—Volcano of Turrialba, Costa Rica.

Type.—Cat. No. 11375, U.S.N.M.

HELICONISA ARPI, new species.

Male.—Body dark brown. Primaries, the base and costal margin broadly, lightish brown, sparsely irrorated with black; the inner margin to beyond middle and the outer margin dark brown, the latter with some submarginal paler brown shadings; a blackish antemedial shade outwardly straight from costa into cell, then inwardly oblique and wavy to submedian vein; a transverse black streak near end of cell, followed by some white, and a round brown spot on discocellulars; a broad whitish postmedial space from vein 7 to inner margin near angle, suffused with light brown below vein 5, incurved at cell, and below vein 3, so that the median brown space looks very much like a dog's head facing the outer margin, the spot at end of cell forming the eye; a narrow whitish shade extends from vein 7 to costa near apex. Secondaries, ochreous, the base and outer margin broadly dark brown; dark irrorations extending from outer margin on to ochreous space; underneath the primaries have the postmedial space broader, clearer, and tinged with ochreous, and a white spot at end of cell; the secondaries are paler, the ochreous space suffused with whitish.

Expanse.—95 mm.

Habitat.—Curityba, Brazil.

Named after Mr. J. Arp, of Rio Janeiro, to whom I am indebted for this fine species.

Type.—Cat. No. 11376, U.S.N.M.